

10024955-121901

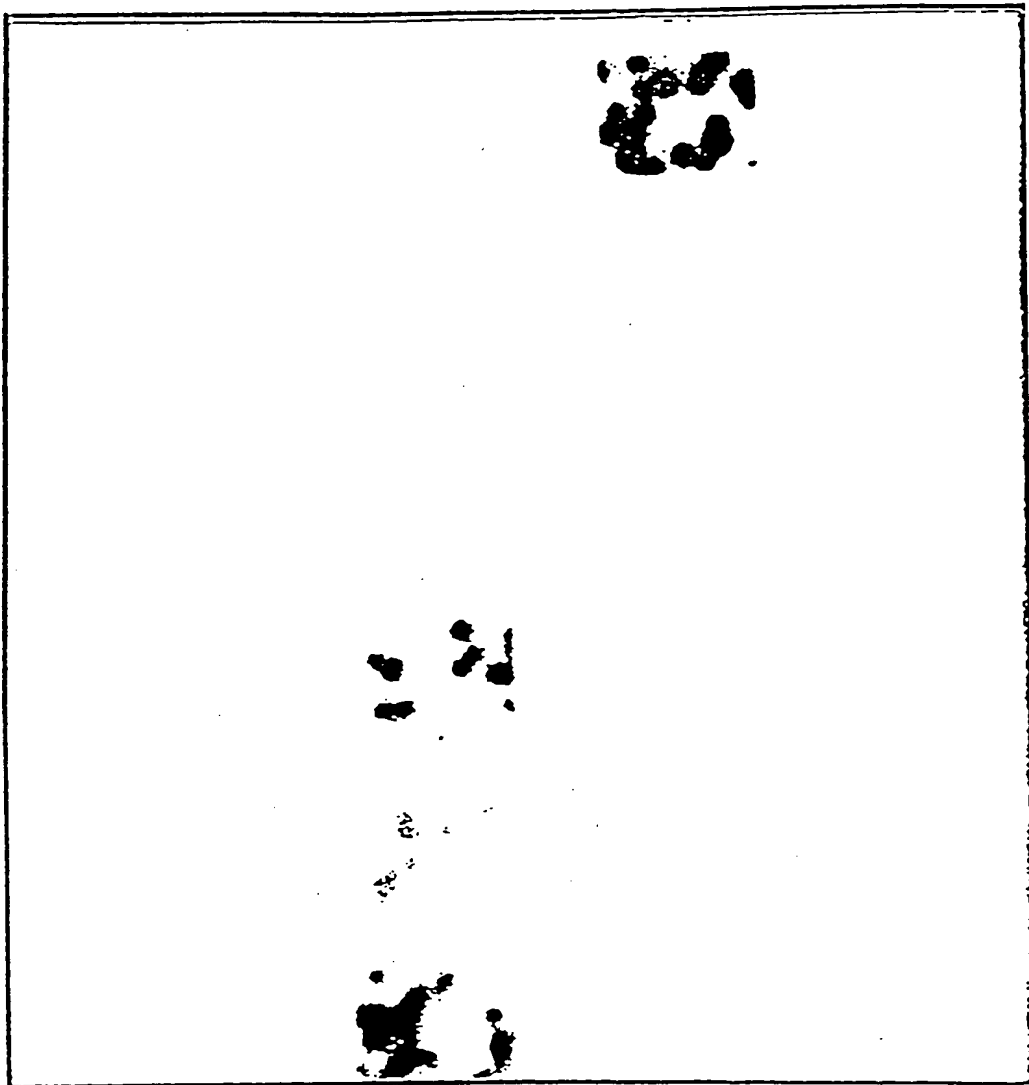


FIG. 1

FOOT 2T-5564200T

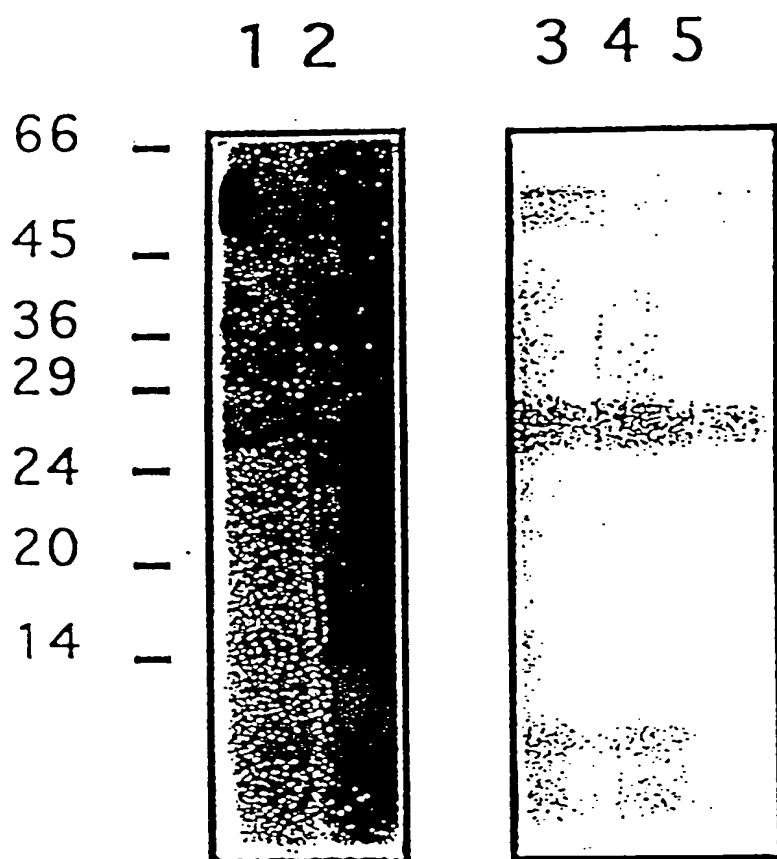


FIG. 2

Figure 3A

Figure 3A

GAT ATT CAG GAT TTT GTT GTC GAA TTA TCG CTC GAA GTT AGC GAA 511  
 Asp Ile Gln Asp Phe Val Val Val Ser Leu Glu Val Ser Glu  
 GAA GGT AAT ATG ACA TTG ACA TCG TTC GAA GFA CGT CAA TTT GCC 556  
 Glu Gly Asn Met Thr Leu Thr Ser Phe Glu Val Arg Gln Phe Ala  
 AAT GTT GTC AAT CAT ATT GGT GGT CTT TCA ATT TTG GAT CCA ATT 601  
 Asn Val Val Asn His Ile Gly Gly Leu Ser Ile Leu Asp Pro Ile  
 TTC GCT GTC TTA TCC GAT GTT TTG ACC GCT ATT TTC CAG GAT ACC 646  
 Phe Ala Val Leu Ser Asp Val Leu Thr Ala Ile Phe Gln Asp Thr  
 GTA CGT GCA GAA ATG ACC AAA GTA TTG GCA CCA GCA TTC AAA AAA 691  
 Val Arg Ala Glu Met Thr Lys Val Leu Ala Pro Ala Phe Lys Lys  
 GAA TTG GAA CGA AAC AAC CAA TAGACTTACACACAACATACACTGTATT 743  
 Glu Leu Glu Arg Asn Asn Gln  
 TTACACTGGATATCAATGAATAAATTITTTATCATTTTGTTTAAAAA 802  
 AAAAAAAAAA 812

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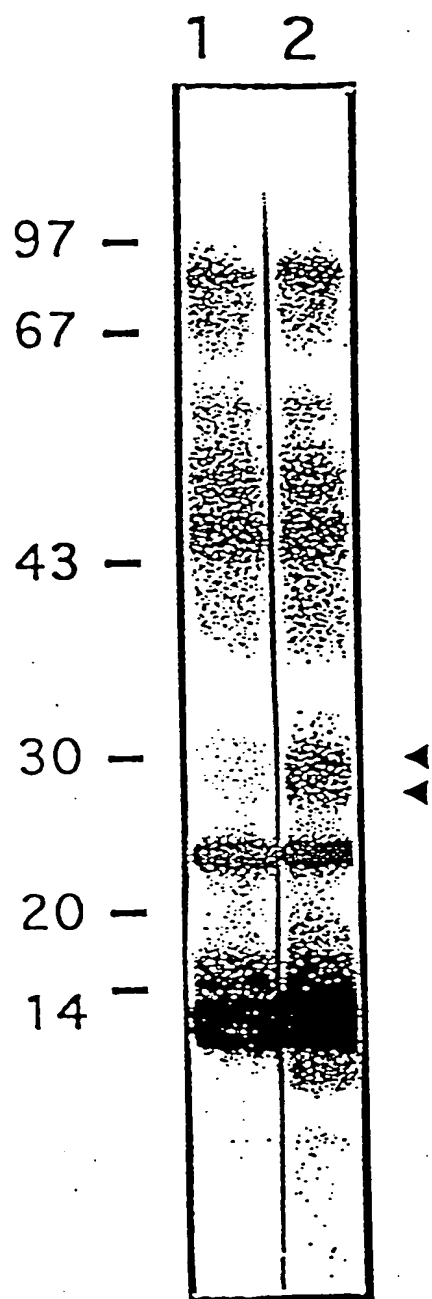


FIG. 4

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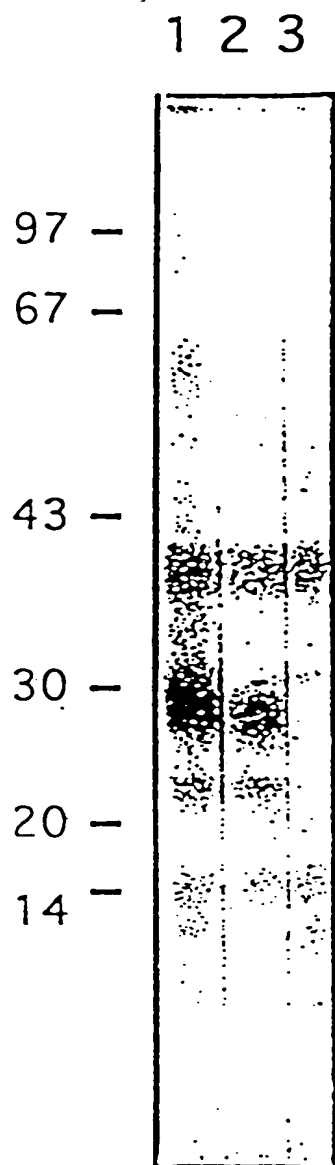


FIG. 5

Figure 6A

GATCTTATATCAATACCAATCCAAAAAACATATCTTACAAATC	ATG	AAA	TTT	TTG	57
	Met	Met	Lys	Phe	Leu
TTC ATT CCT GCC GTG GCA TTT GTC GCC GTT TCG GCT GAT CCA ATT					102
Leu Ile Ala Ala Val Ala Phe Val Ala Val Ser Ala Asp Pro Ile					
CAC TAT GAT AAA ATC ACC ACC GAA CAA ATC AAC AAA GCT ATT GAT GAT					147
His Tyr Asp Lys Ile Thr Glu Glu Ile Asn Lys Ala Ile Asp Asp					
GCC ATT GCT GCT ATT GAA CAA TCC CAA ACA ATA GAT CCA ATG AAA					192
Ala Ile Ala Ala Ile Glu Glu Ser Glu Thr Ile Asp Pro Met Lys					
GTA CCT GAT CAT GCC GAT AAA TTC GAA CGT CAT GTT GGT ATT GTG					237
Val Pro Asp His Ala Asp Lys Phe Glu Arg His Val Gly Ile Val					
GAT TTC AAA GGT GAA TTA GCC ATG CGA AAC ATT GAG GCT CGA GGA					282
Asp Phe Lys Gly Glu Leu Ala Met Arg Asn Ile Glu Ala Arg Gly					
TTG AAA CAA ATG AAA CGT CAA GGT GAT GCT AAT CTC AAA GGT GAA					327
Leu Lys Gln Met Lys Arg Gln Gly Asp Ala Asn Val Lys Gly Glu					
GAG GGT ATT GTT AAA GCT CAT TTG TTG ATC GGT GTT CAC GAT GAT					372
Glu Gly Ile Val Lys Ala His Leu Leu Ile Gly Val His Asp Asp					
ATC GTC TCG ATG GAA TAT GAT TTA GCA TAC AAA TTG GCT GAT CTT					417
Ile Val Ser Met Glu Tyr Asp Leu Ala Tyr Lys Leu Gly Asp Leu					
CAT CCA ACC ACT CAT GTC ATT TCG GAT ATT CAA GAT TTT GTT CTT					462
His Pro Thr Thr His Val Ile Ser Asp Ile Gln Asp Phe Val Val					

GCC TTG TCC CTT GAA ATT TCT	GAT GAA GGT AAC ATA ACA ATG ACA	507
Ala Leu Ser Leu Glu Ile Ser	Asp Glu Gly <u>Asn</u> Ile Thr Met Thr	
TCT TTT GAA GTA CGA CAA TTC	GCT AAT GTT GTC AAC CAT ATT GGT	552
Ser Phe Glu Val Arg Gln Phe	Ala Asn Val Val Asn His Ile Gly	
CGT CTT TCA ATC TTG GAT CCA	ATT TTT GGC GTT TTA TCT GAT GTA	597
Gly Leu Ser Ile Leu Asp Pro	Ile Phe Gly Val Leu Ser Asp Val	
TTG ACC GCT ATT TTC CAA GAC	ACC GTA CGT AAG GAA ATG ACC AAN	642
Leu Thr Ala Ile Phe Gln Asp	Thr Val Arg Lys Glu Met Thr Lys	
GTA TTG CCA CCA GCA TTT AAA	CGT GAA TTG GAA AAA AAT TAACCAA	688
Val Leu Ala Pro Ala Phe Lys	Arg Glu Leu Glu Lys Asn	
TAGACATCATTTTTCCTCAACTGTACAAATCTCTATTTCACCTGACCAATAAAATTTT		
ATTATTATTTCTCC 761		
747		



Figure 7A

Dp VII:	TTTTTTTTTTTTTTTGGTTATTCCCATTTTTTTCATATCGTAAATCCAAAT	52
Df VII:	GA.C..AT..CAATA.C..TC.A...A	27
Dp VII:	TCACCTTTTACCRA ATG ATG AAA TTA TTA TTG ATT GCT GUC	94
	Met Met Lys Leu Leu Leu Ile Ala Ala	
Df VII:	AACA.A.C....A... ..T ..G ... ..	69
	Phe	
Dp VII:	GCA GCT TTT GTT GCC GTT TCG GCT GAT CCA ATT CAC TAT	133
	Ala Ala Phe Val Ala Val Ser Ala Asp Pro Ile His Tyr	
Df VII:	.TG ..A ... ..C ... ..	108
	Val	
Dp VII:	GAT AAA ATC ACC GAA GAA CAA ATT AAC AAA GCT GTT GAT GAA	172
	Asp Lys Ile Thr Glu Glu Ile Asn Lys Ala Val Asp Glu	
Df VII:	... ..C ... ..	147
	Ile Asp	
Dp VII:	GCC GTC GCT CCA ATT GAA AAA TCC GAA ACA TTC GAT CCA	211
	Ala Val Ala Ala Ile Glu Lys Ser Glu Thr Phe Asp Pro	

Figure 7B

Df VII:	... A.T ... ..T ... ..C.. ... ..A.A ... ..	186	
	Ile	Gln	Ile
Dp VII:	ATG AAG GTA CCC GAT CAT TCT GAT AAA TTC GAA CGA GAT	250	
	Met Lys Val Pro Asp His Ser Asp Lys Phe Glu Arg His		
Df VII:	... ..A ... ..T ... ..G.C ... ..T ... ..	275	
		Ala	
Dp VII:	ATT GGT ATC ATC GAT TTA AAA GGT GAA TTA GAC ATG CGA	289	
	Ile Gly Ile Ile Asp Lou Lys Gly Glu Leu Asp Met Arg		
Df VII:	G.. ... ..T G.G ... ..C ... ..C. ... ..	264	
	Val	Phc	Ala
Dp VII:	AAC ATT CAA GTT CGA GCX TTA AAA CAA ATG AAA CGT GTA	328	
	Asn Ile Gln Val Arg Gly Leu Lys Gln Met Lys Arg Val		
Df VII:	... ..G.G .C. ... ..G ... ..CA. ... ..	303	
	Glu Ala		Gln

Dp VII:	GGT GAT GCT AAT CTG AAA AGT GAA GAT GGT GGT GTC AAA	367
	Gly Asp Ala Asn Val Lys Ser Glu Asp Gly Val Val Lys	
Df VII:	... .. .C ... ..G ... ..T ...	342
	Gly Glu Ile	
Dp VII:	GCT CAT TTG TTG GTC GGT GGT CAT GAT GAC GTT GGT TCA	406
	Ala His Leu Leu Val Gly Val His Asp Asp Val Val Ser	
Df VII:	... .. .A... ..C ... ..T A.C ..C ..G	381
	Ile Ile	
Dp VII:	ATG GAA TAT GAT TTA GCA TAC AAA TTG CCT GAT CTT CAT	445
	Met Glu Tyr Asp Leu Ala Tyr Lys Leu Gly Asp Leu His	
Df VII:	... .. .C... ..C ... ..C ... ..C ... ..C ...	420
	Thr	
Dp VII:	CCA AAC ACT CAT GTC ATT TCG GAT ATT CAG GAT TTT GTT	484
	Pro Asn Thr His Val Ile Ser Asp Ile Gln Asp Phe Val	
Df VII:	... .C... ..C... ..C... ..C... ..C... ..C... ..C...	459
	Thr	
Dp VII:	GTC GAA TTA TCG CTC GAA GTT AGC GAA GAA GGT AAT ATG	523
	Val Glu Leu Ser Ien Glu Val Ser Glu Glu Gly <u>Asn Met</u>	



Dp VII: GAT ACC GTA CGT CCA GAA ATG ACC AAA GTA TTG GCA CCA 679  
 Asp Thr Val Arg Ala Glu Met Thr Lys Val Leu Ala Pro  
  
 Df VII: ..C ... .. AAG ... .. 654  
 Lys  
  
 Dp VII: GCA TTC AAA AAA GAA TTG GAA CGA AAC AAC CAA TAGACTT 719  
 Ala Phe Lys Lys Glu Leu Glu Arg Asn Asn Gln  
  
 Df VII: ... ..T ... .. CGT ... .. AA. ..'f' 688  
 Arg Lys AC.AA  
  
 Dp VII: ACACACAACATAACACTGTTATTATTTTACACTGGATAATCAAAATGAATAAA 770  
  
 Df VII: TAGACATCAT.TTTC.AAC.G.ACAAT.T..ATT.C.CTG.CAAT..A.T. 739  
  
 Dp VII: TTTTATTATCATTTTGTTTAAAAAATAAATAAATAAATAAATAAATAA 812  
  
 Df VII: AAA....TATT...AT..CTCC 761